



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : ALAN D. FORD, et al.                      Art Unit : Unknown  
 Serial No. :    Examiner : Unknown  
 Filed : Herewith  
 Title : AN INFUSION PUMP WITH AN ELECTRONICALLY LOADABLE DRUG  
 LIBRARY AND A USER INTERFACE FOR LOADING THE LIBRARY

Commissioner for Patents  
 Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449. Under 35 USC §120, this application relies on the earlier filing date of application serial number 08/957,907, filed on October 27, 1997. The references listed on the attached forms PTO 1449 were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application.

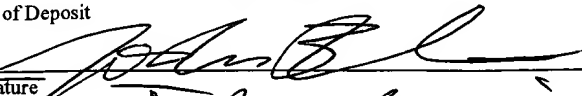
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Applicant : ALAN D. FORD, et al.

Serial No. :

Filed : Herewith

Page : 2

Attorney's Docket No.: 00786-157003

This statement is being filed with the application. Please apply any charges or credits to  
Deposit Account No. 06-1050.

Respectfully submitted,

Date: \_\_\_\_\_

*June 8, 2001*

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# **Notice of References Cited**

Application/Control No.

08/957,907

Applicant(s)/Patent Under Reexamination  
FORD ET AL.

Examiner

John W Hayes

Art Unit

2761

Page 1 of 1

## **U.S. PATENT DOCUMENTS**

*		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	DOCUMENT SOURCE **	
							APS	OTHER
<input checked="" type="checkbox"/>	A	3,809,871	May. 1974	Howard et al	604	131	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	B	4,464,172	Aug. 1984	Lichtenstein	604	65	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	C	4,502,488	Mar. 1985	Degironimo et al	604	246	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	D	4,544,369	Oct. 1985	Skakoon et al	604	155	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	E	4,696,671	Sep. 1987	Epstein et al	604	67	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	F	4,741,732	May. 1988	Crankshaw et al	604	67	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	G	4,756,706	Jul. 1988	Kerns et al	604	66	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	H	4,853,521	Aug. 1989	Claeys et al	604	407	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	I	4,898,578	Feb. 1990	Rubalcaba, Jr.	604	66	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	J	4,925,444	May. 1990	Orkin et al	604	65	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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<input checked="" type="checkbox"/>	N	0 364 010	Apr. 1990	Europe	Samiotes et al	A61M	5/14	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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## **NON-PATENT DOCUMENTS**

*		DOCUMENT (Including Author, Title Date, Source, and Pertinent Pages)	DOCUMENT SOURCE **	
			APS	OTHER
<input checked="" type="checkbox"/>	U	Bazara et al, "Recommendations for Specifications and Operator Interface Design for New Medical Infusion Pumps", Biomedical Instrumentation & Technology, 2:364-370, September - October 1992	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	V	Crankshaw et al, "How Should We Administer Intravenous Anaesthetic Drugs?", I.V. Anesthesia: What is New?, Vol. 5, No. 2, Chapter 4, September 1991	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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\*A copy of this reference is not being furnished with this Office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)

\*\*APS encompasses any electronic search i.e. text, image, and Commercial Databases.

U.S. Patent and Trademark Office

PTO-892 (Rev. 03-98)

Notice of References Cited

Part of Paper No. 7

<b>Notice of References Cited</b>	Application/Control No. 08/957,907		Applicant(s)/Patent Under Reexamination FORD ET AL.	
	Examiner John W Hayes		Art Unit 2761	Page 2 of 4

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*	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	DOCUMENT SOURCE **	
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<input checked="" type="checkbox"/>	A	5,034,004	Jul. 1991	Crankshaw	604	67	<input type="checkbox"/> <input checked="" type="checkbox"/>
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	Examiner John W Hayes		Art Unit 2761	Page 3 of 4

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<input checked="" type="checkbox"/>					Glass et al, "Intravenous Drug Delivery Systems", Anesthesiology, Raven Press, 1991, pp. 23 and 34	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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Application/Control No.

08/957,907

Examiner

John W Hayes

Applicant(s)/Patent Under

Reexamination

FORD ET AL.

Art Unit

2761

Page 4 of 4

## **U.S. PATENT DOCUMENTS**

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*		DOCUMENT (Including Author, Title Date, Source, and Pertinent Pages)	DOCUMENT SOURCE **	
			APS	OTHER
<input checked="" type="checkbox"/>	U	G. Juhl, "The Infucommand: A PCA (Patient-Controlled Analgesia) Device Using Pulsoximetric Bolus Control", Anaesthetist, 1990 Apr:39(4):236-239 (Abstract)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	V	H. Suttmann et al, "Computer-Controlled Infusion", Anaesthetist, 1988 Aug:37(8):558-561	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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\*\*APS encompasses any electronic search i.e. text, image, and Commercial Databases.

U.S. Patent and Trademark Office

PTO-892 (Rev. 03-98)

Notice of References Cited

Part of Paper No. 7

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 00786-157002	Application No. 08/957,907
	Applicant Alan D. Ford et al.		
	Filing Date October 27, 1997	Group Art Unit 2761	

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 09/877404  
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	H. Suttman et al., "Computer-Controlled Infusion", ANAESTHESIST, 1988 Aug:37(8):558-61
	AR	
	AS	
	AT	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 00786/157002	SERIAL NO. 08/957,907
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)  (37 CFR 1.98(b))		APPLICANT Alan D. Ford et al.	
		FILING DATE October 27, 1997	GROUP 3301

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5	2	5	6	1	5	7	10/1993	Samiotes et al.			
	AB	5	0	8	8	9	8	1	2/1992	Howson et al.			
	AC	5	0	7	8	6	8	3	1/1992	Sancoff et al.			
	AD	5	0	3	4	0	0	4	7/1991	Crankshaw			
	AE	4	9	7	8	3	3	5	12/1990	Arthur, III			
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	AG	4	9	4	2	8	8	3	7/1990	Newman			
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	AK	4	7	5	6	7	0	6	7/1988	Kerns et al.			

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
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	AL	0 364 010	4/1990	Europe				
	AM	0 497 041 A1	8/1992	Europe				
	AN	88/10383	12/1988	WIPO				

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	AO	Bazalal et al., "Recommendations for Specifications and Operator Interface Design for New Medical Infusion Pumps", BIOMEDICAL INSTRUMENTATION & TECHNOLOGY, 2:364-370 (Sep./Oct. 1992)
	AP	Crankshaw et al., "How Should We Administer Intravenous Anaesthetic Drugs?", I.V. ANESTHESIA: WHAT IS NEW?, Vol. 5, No. 2, Chapter 4, September 1991
	AQ	Siemens MiniMed® Infusion System product literature, April 1992
	AR	Harvard Apparatus, Syringe and Peristaltic Pumps, 1991, pp. 14-33

EXAMINER

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	4 7 4 1 7 3 2	5/1988	Crankshaw et al.			
	BB	4 6 9 6 6 7 1	9/1987	Epstein et al.			
	BC	4 5 4 4 3 6 9	10/1985	Skakoon et al.			
	BD	4 5 0 2 4 8 8	3/1985	Degironimo et al.			
	BE	4 4 6 4 1 7 2	8/1984	Lichtenstein			
	BF	3 8 0 9 8 7 1	5/1974	Howard et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	BH	Bard PCA II product literature, October 14, 1992
	BI	Siemens MiniMed® III Infusion System - Life Support Systems product literature, October 14, 1992
	BJ	Omni-Flow 4000 Operations Manual, October 14, 1992
	BK	Glass et al., "Intravenous Anesthetic Delivery", ANESTHESIA, Vol. 1, 1990, pp. 367-388.
	BL	Glass et al., "Intravenous Drug Delivery Systems", ANESTHESIOLOGY, Raven Press, 1991, pp. 23 and 34.
	BM	Jacobs et al., "Technology for Continuous Infusion in Anesthesia", INTERN. ANESTH. CLINICS, 1991.29(4) publication date, January 1992, pp. 39-49
	BN	CAIVAS brochure, October 14, 1992.

EXAMINER	DATE CONSIDERED
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	Applicant Alan D. Ford et al.		
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,772,635	06/30/98	Dastur et al.			
	AB						
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Other Documents (include Author, Title, Date, and Place of Publication)		
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	AQ	S.H. Juhl et al., "Patient-Controlled Analgesia: A Technical Toy or a Contribution to the treatment of pain?", ANAESTHESIST, 1988 Aug:37(8):543-50 (English abstract only)
	AR	G. Juhl, "The Infucommand: A PCA (Patient-controlled analgesia) Device Using Pulsoximetric Bolus Control", ANAESTHESIST, 1990 Apr:39(4):236-9 (English abstract only)
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